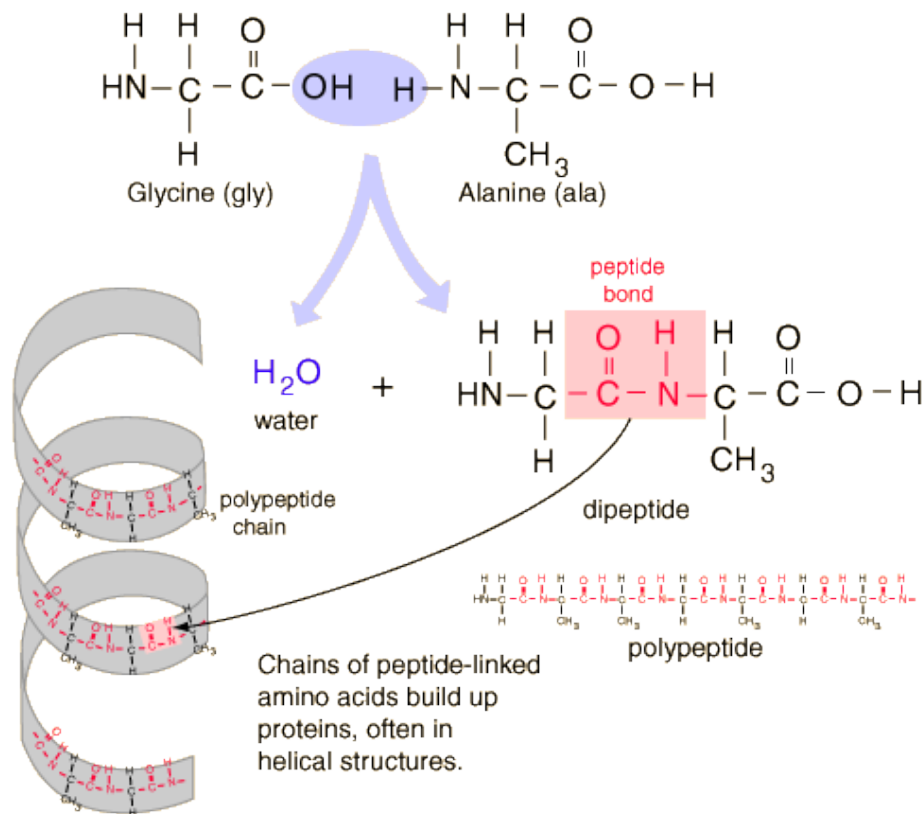


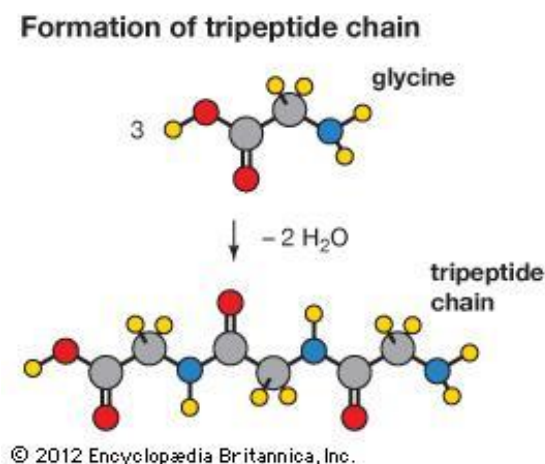
Amino acids, Di- and Tripeptides and proteins

Glycine and alanine can combine together with the elimination of a molecule of water to produce a dipeptide – as shown below



Look carefully, you'll notice that glycine and alanine can combine to form a different dipeptide because a -H can be removed from the glycine and -OH from the alanine to form a different dipeptide and a water molecule.

If three amino acids are joined together eg three molecules of glycine a tripeptide is formed.



If lots of amino acids are joined together (as in a protein chain), a polypeptide is formed.